

The Helmholtz-Institute for Functional Marine Biodiversity (HIFMB) is a new institute integrating marine biodiversity research, established on the campus of the Carl von Ossietzky University Oldenburg. It joins the scientific profiles of the Institute of Chemistry and Biology of Marine Systems (ICBM) Oldenburg and the Alfred Wegener Institute – Helmholtz Centre for Polar and Marine Research Bremerhaven (AWI).

During the establishment phase, we are able to offer a position as a

## **Junior Research Group Leader Junior Research Group on Marine Molecular Ecology**

to establish new research interactions between ICBM and AWI.

### **Background and tasks:**

Assessing and better understanding spatial and temporal patterns of marine biodiversity including all organisms from the smallest to largest, is a key research goal of the HIFMB. In the startup phase of the institute, we want to establish an independent junior research group on Marine Molecular Ecology, helping us to assess marine biodiversity change by molecular tools. The successful candidate will develop his or her own research projects by establishing molecular tools and work flows for analyses of environmental DNA (eDNA), e.g. for surveillance of metazoan biodiversity in complex marine communities. Tools and workflows to support general NGS based meta-barcoding projects are to be developed. In order to increase collaboration potential with similar research on unicellular organisms, we expect a focus on metazoan/multicellular taxa. The junior research group will strengthen the interactions among working groups from the fields of Evolution and Ecology by establishing multispecies detection methods. The group will be equipped with two additional PhD students and will collaborate on integrative and interdisciplinary research projects with scientists at the HIFMB, the University of Oldenburg and the Alfred Wegener Institute/ Bremerhaven. The candidate is further expected to apply for external funding. The group will be situated at the Oldenburg campus. The candidate will supervise two PhD candidates, the teaching obligation is 2 SWS.

### **Requirements:**

Applicants need an academic university degree (Master or equivalent) and an outstanding PhD in evolutionary genetics including genomic analysis and molecular tools. The capacity for independent research conduction is required, preferentially shown by successful postdoc research associated with scientific publications in international journals. We expect excellent skills in basic and advanced molecular techniques used to investigate taxonomic composition of marine communities. The applicant needs very good English language skills and experience in supervising students.

If you are interested or if you have any further questions, please contact: **Helmut Hillebrand**, [helmut.hillebrand@uni-oldenburg.de](mailto:helmut.hillebrand@uni-oldenburg.de).

The position is limited to five years. The salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund) based on qualifications and transferred tasks up to salary group 14. The place of employment will be **Oldenburg**.

We offer you a multi-disciplinary, international, and fascinating professional environment with flexible working hours, state-of-the-art research equipment, and a first-rate infrastructure. The University of Oldenburg and AWI aim to increase the number of women in the scientific staff and therefore encourages women to apply. Disabled applicants will be given preference when equal qualifications are present. The AWI fosters the compatibility of work and family through various means. Because of our engagement in the area of work-life compatibility we have been awarded the certificate "Career and Family".

Please forward your application with the standard documentation (letter of motivation, CV, certificates and a list of publications) by **April 30<sup>th</sup>, 2017** referencing code **40/D/HIFMB** to: Alfred-Wegener-Institut für Polar- und Meeresforschung, Personalabteilung (human resources), Postfach 12 01 61, 27515 Bremerhaven/Germany or by e-mail (all documents merged into one PDF file) to: [personal@awi.de](mailto:personal@awi.de).